

09/829747

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04/10/01

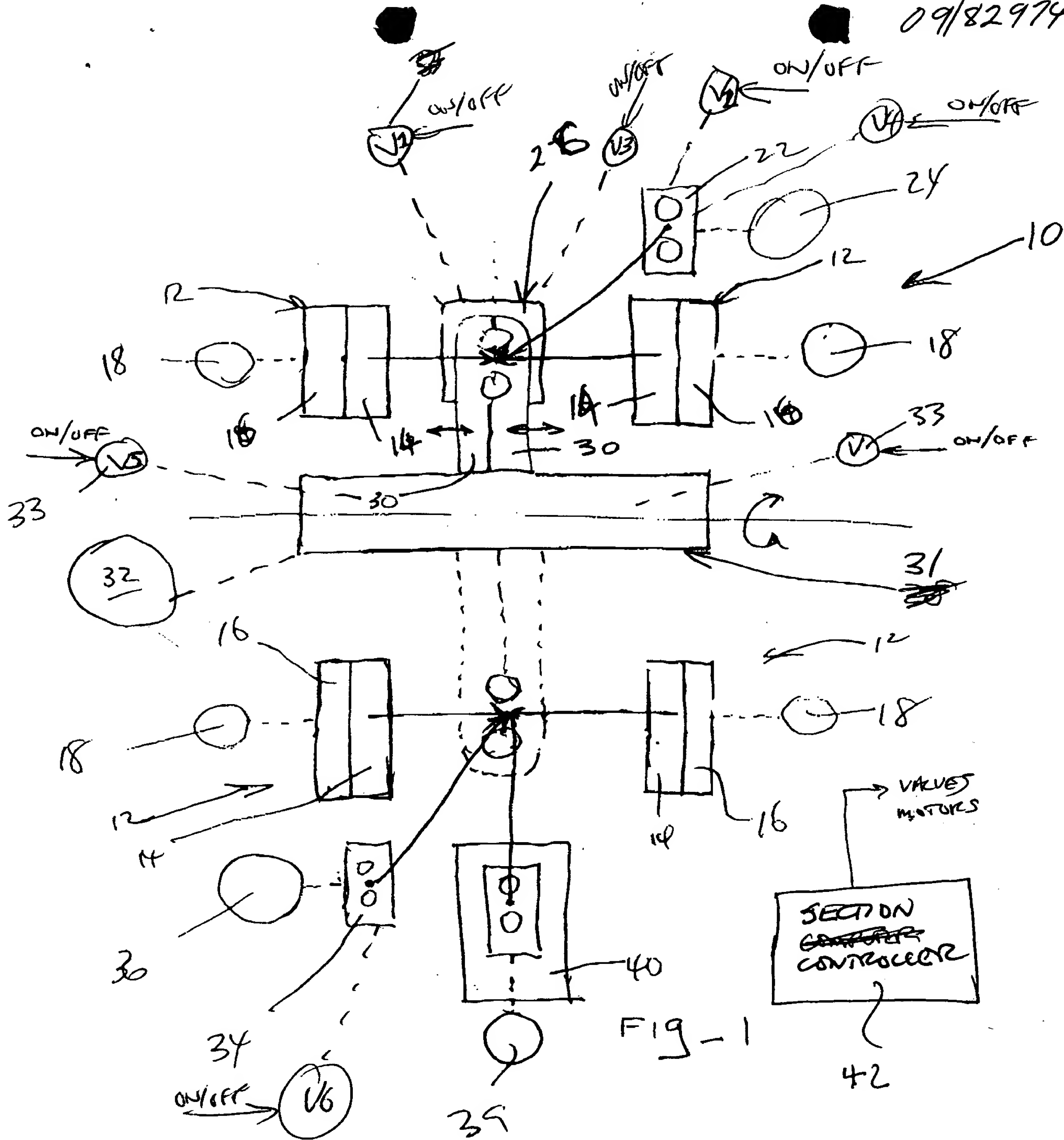


Fig-1

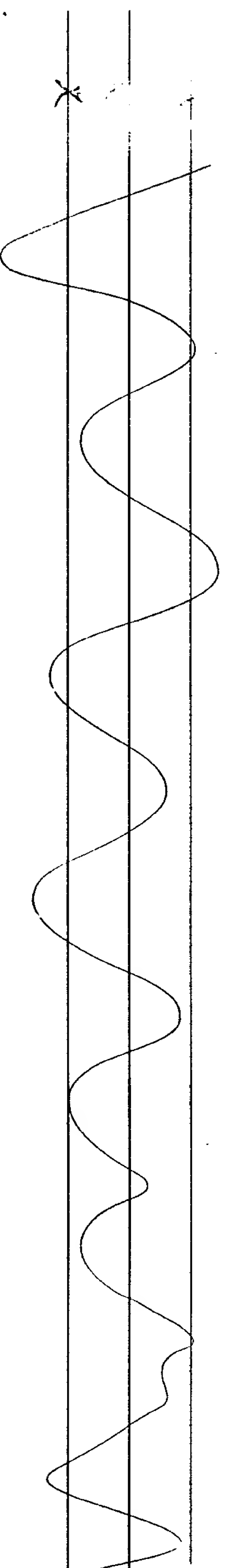
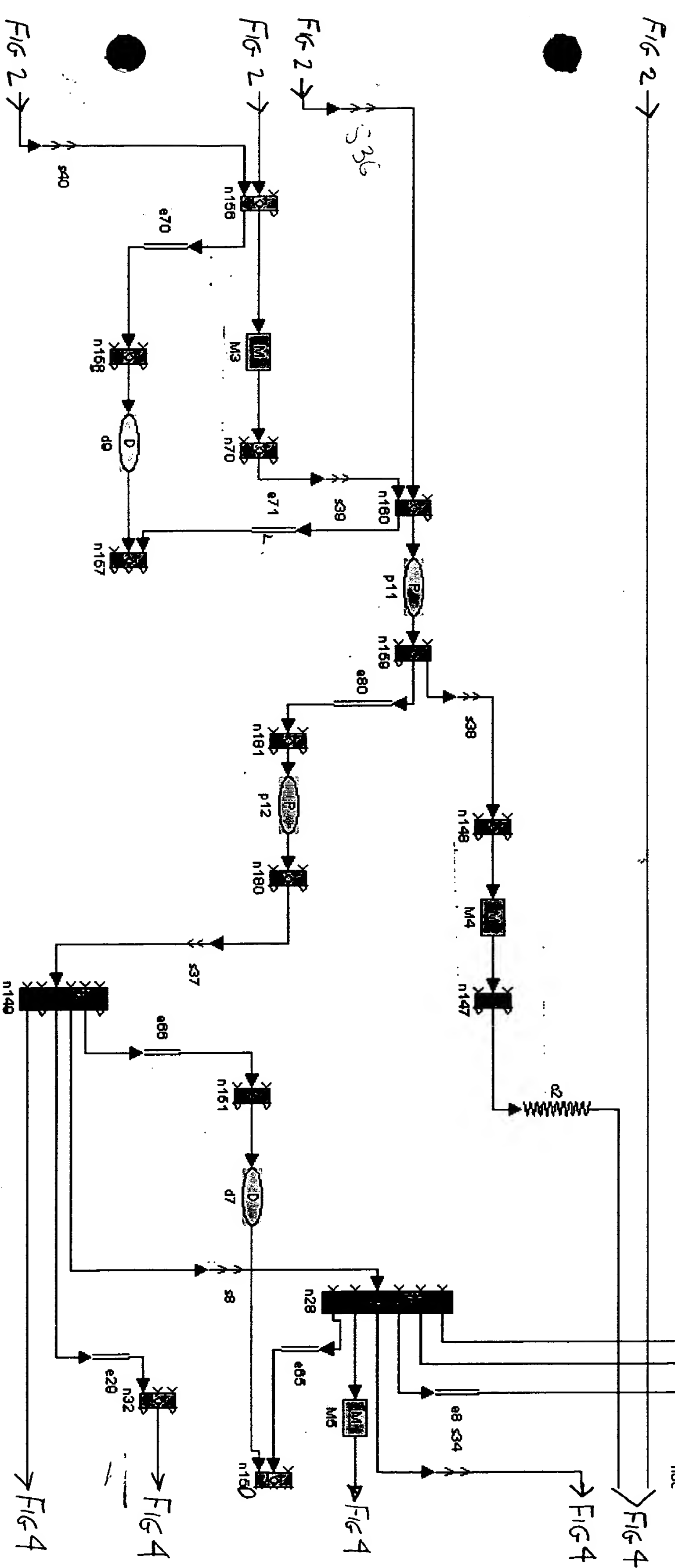
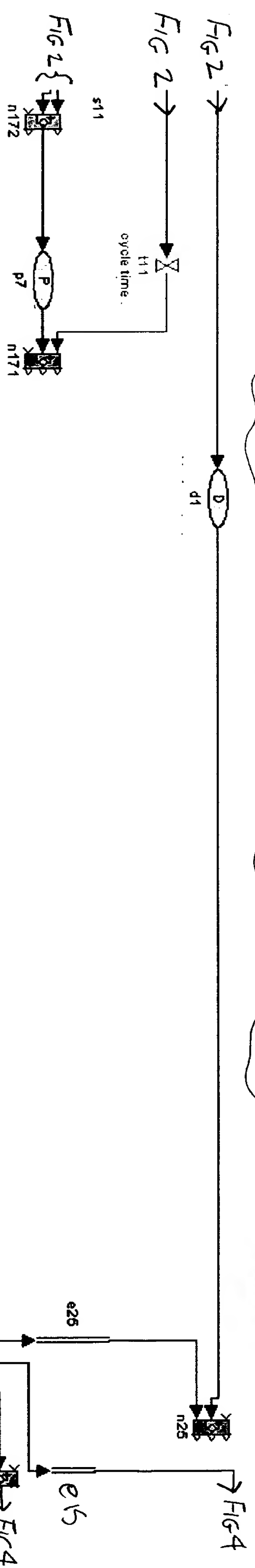
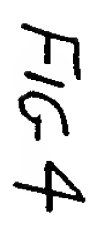
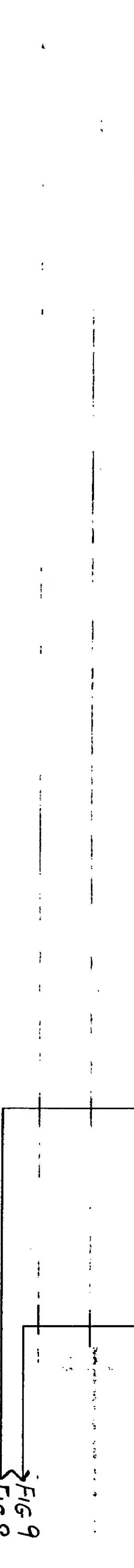
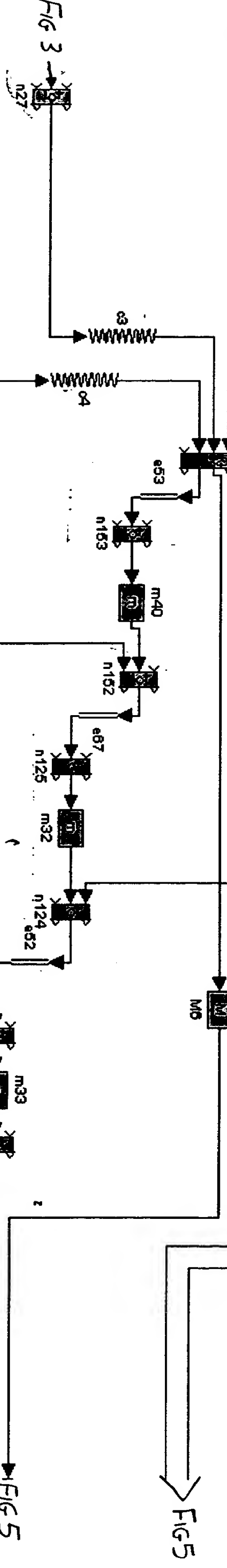
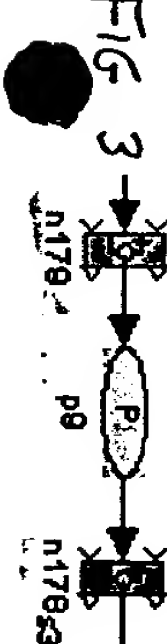
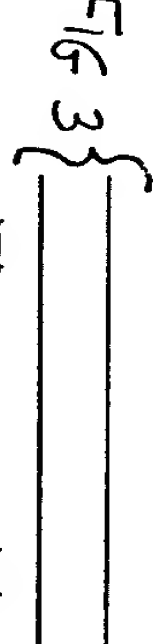
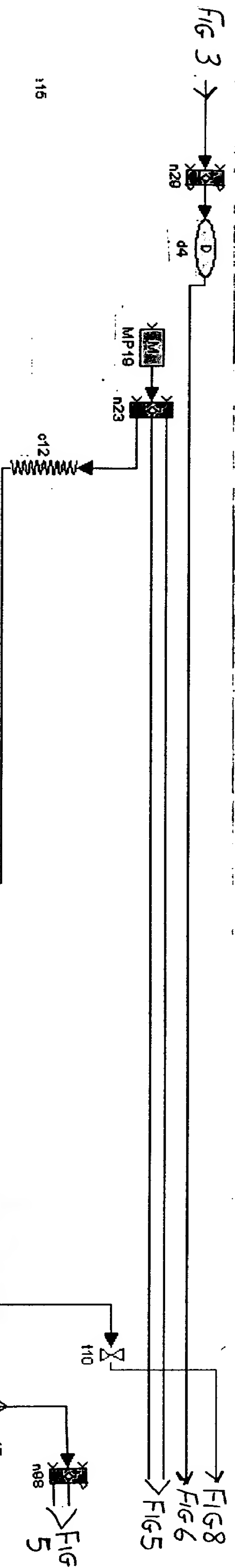


Fig. 3



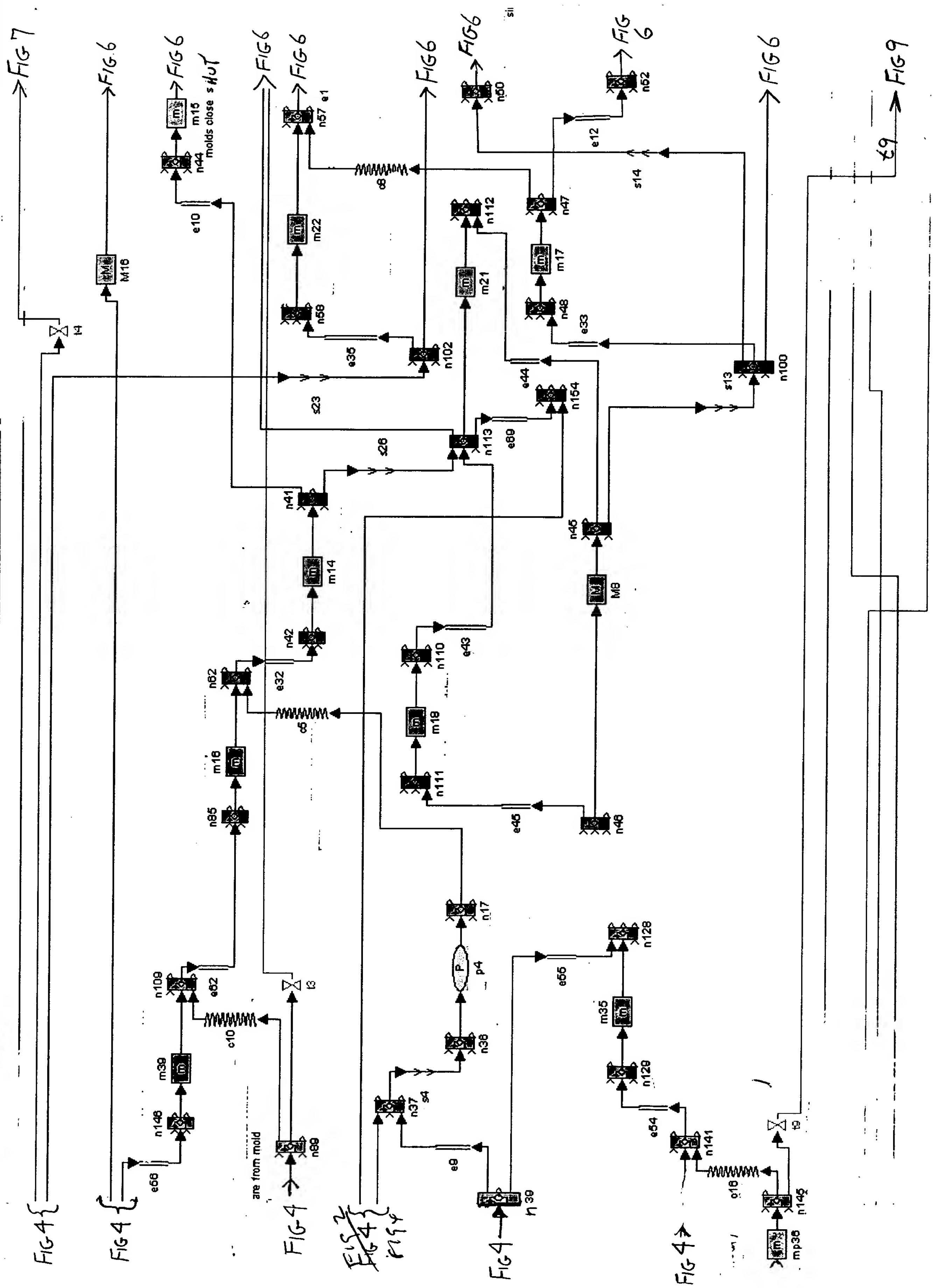


Fig 5

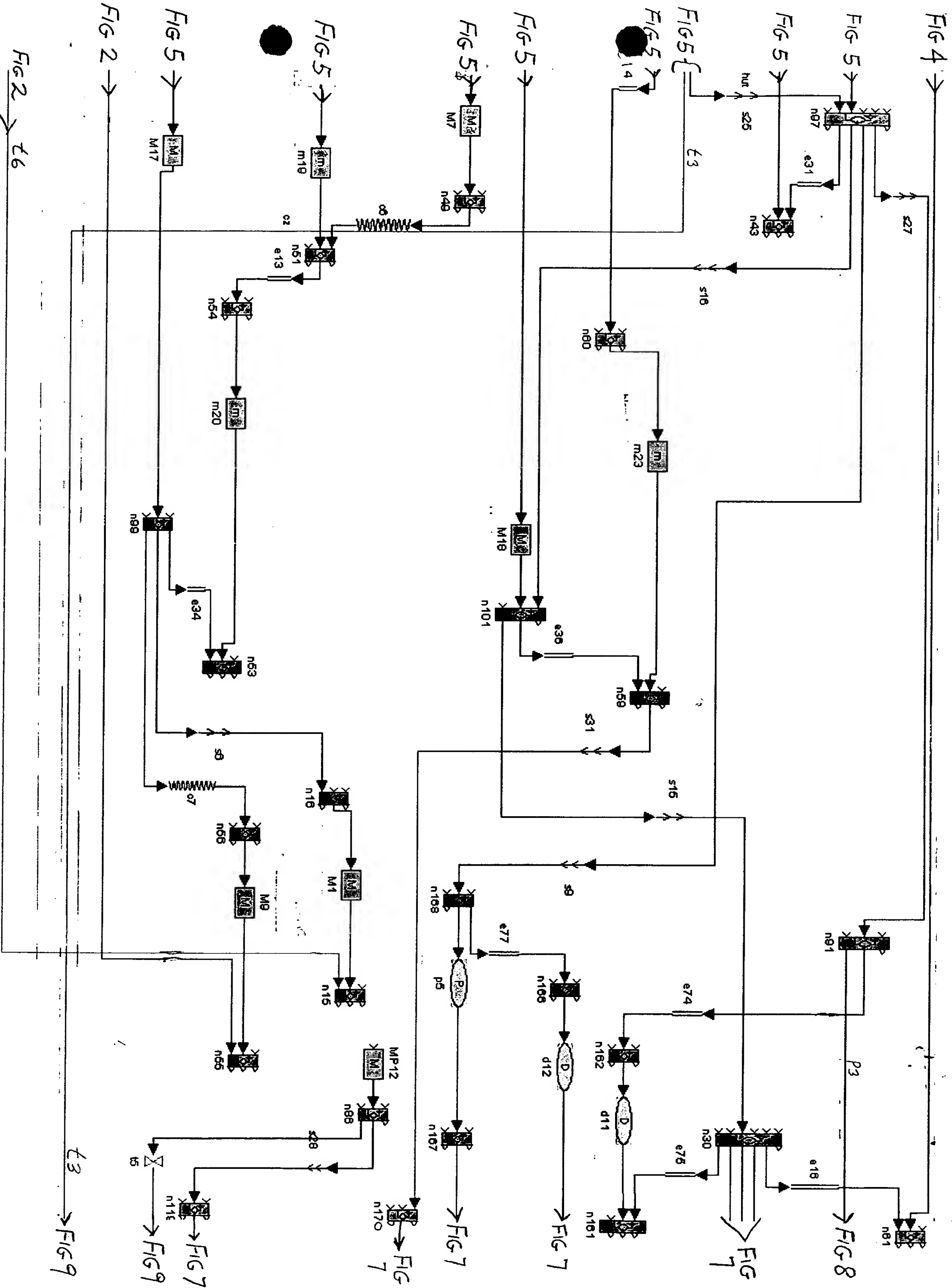
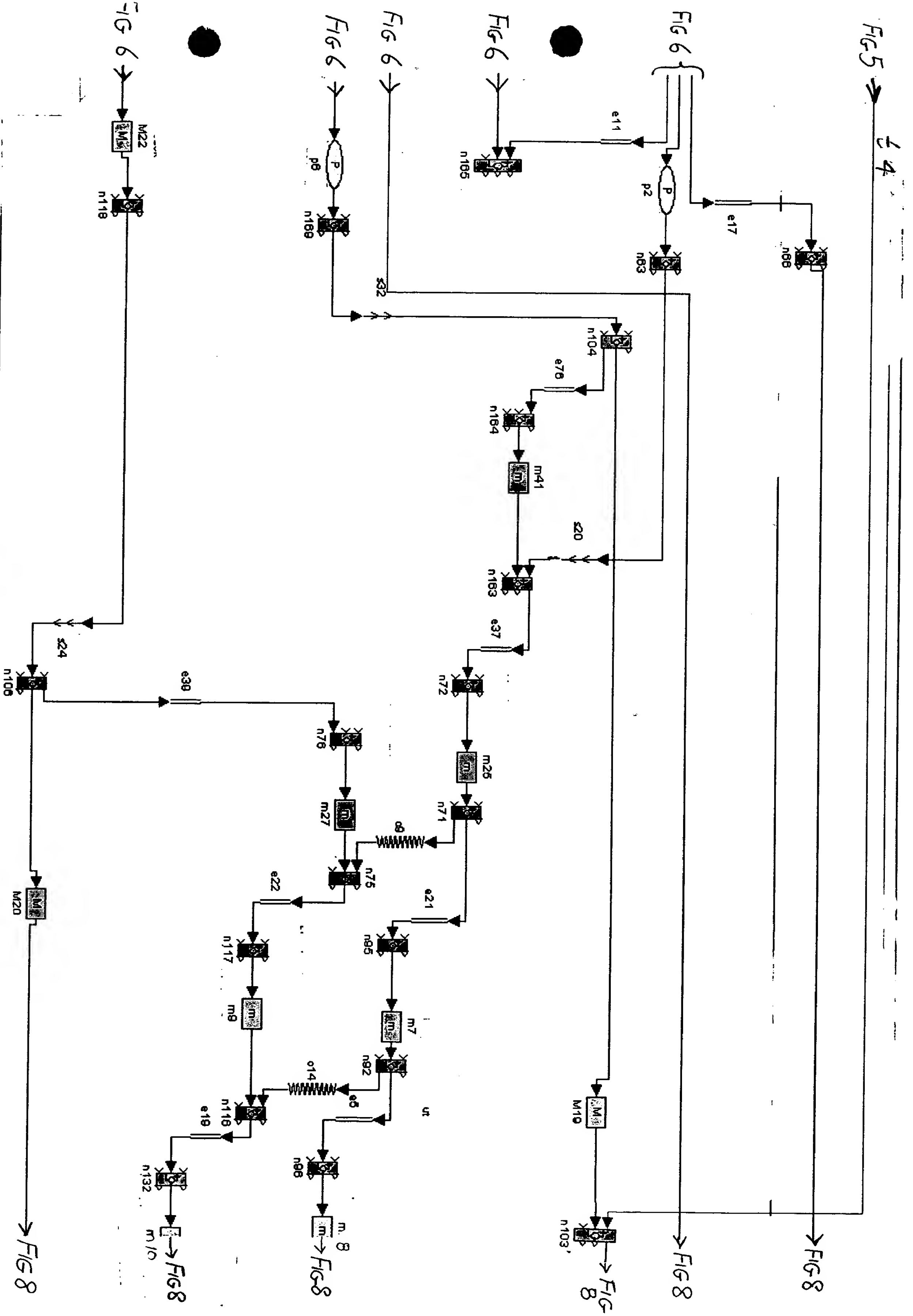


FIG 6



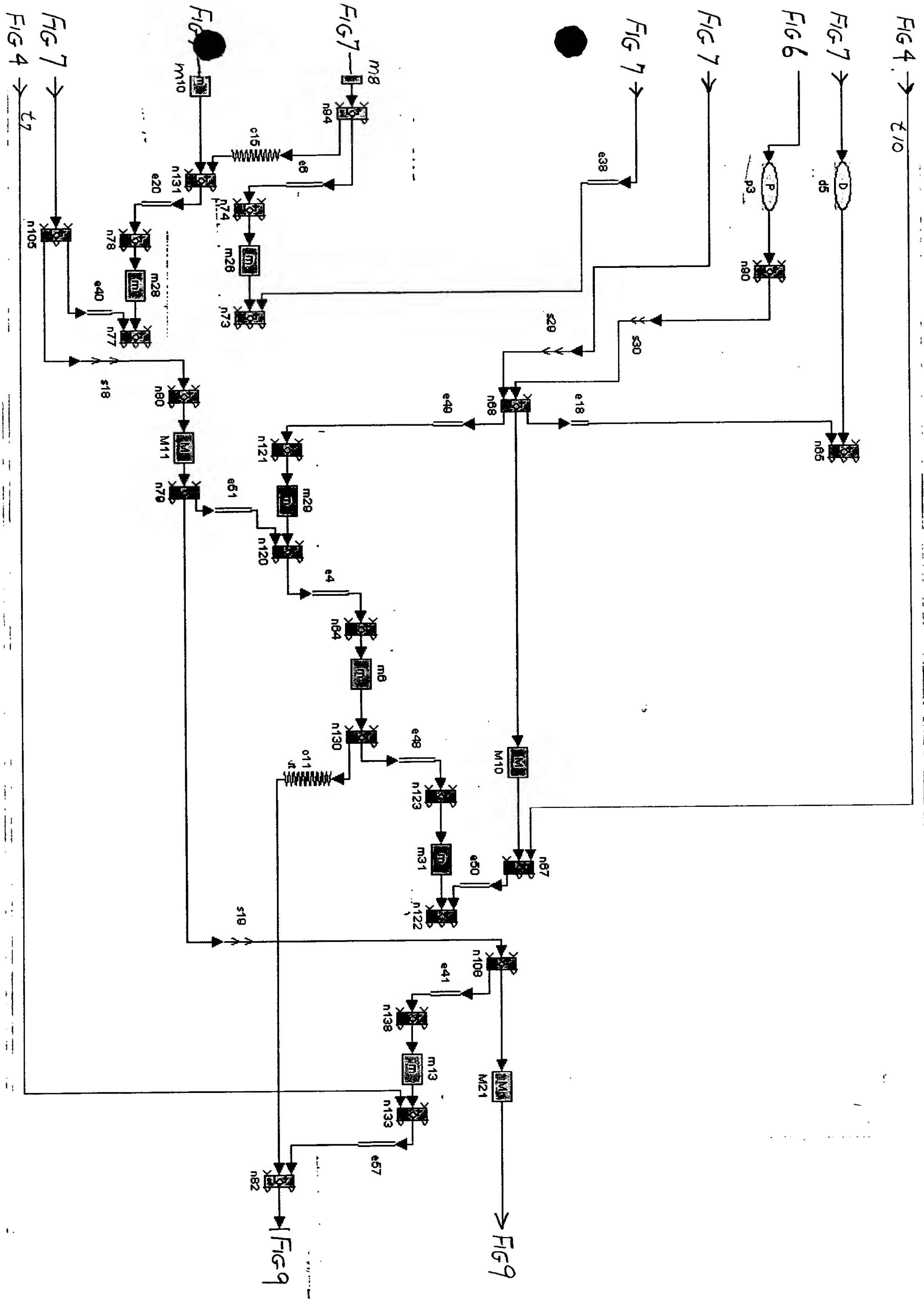


FIG 8

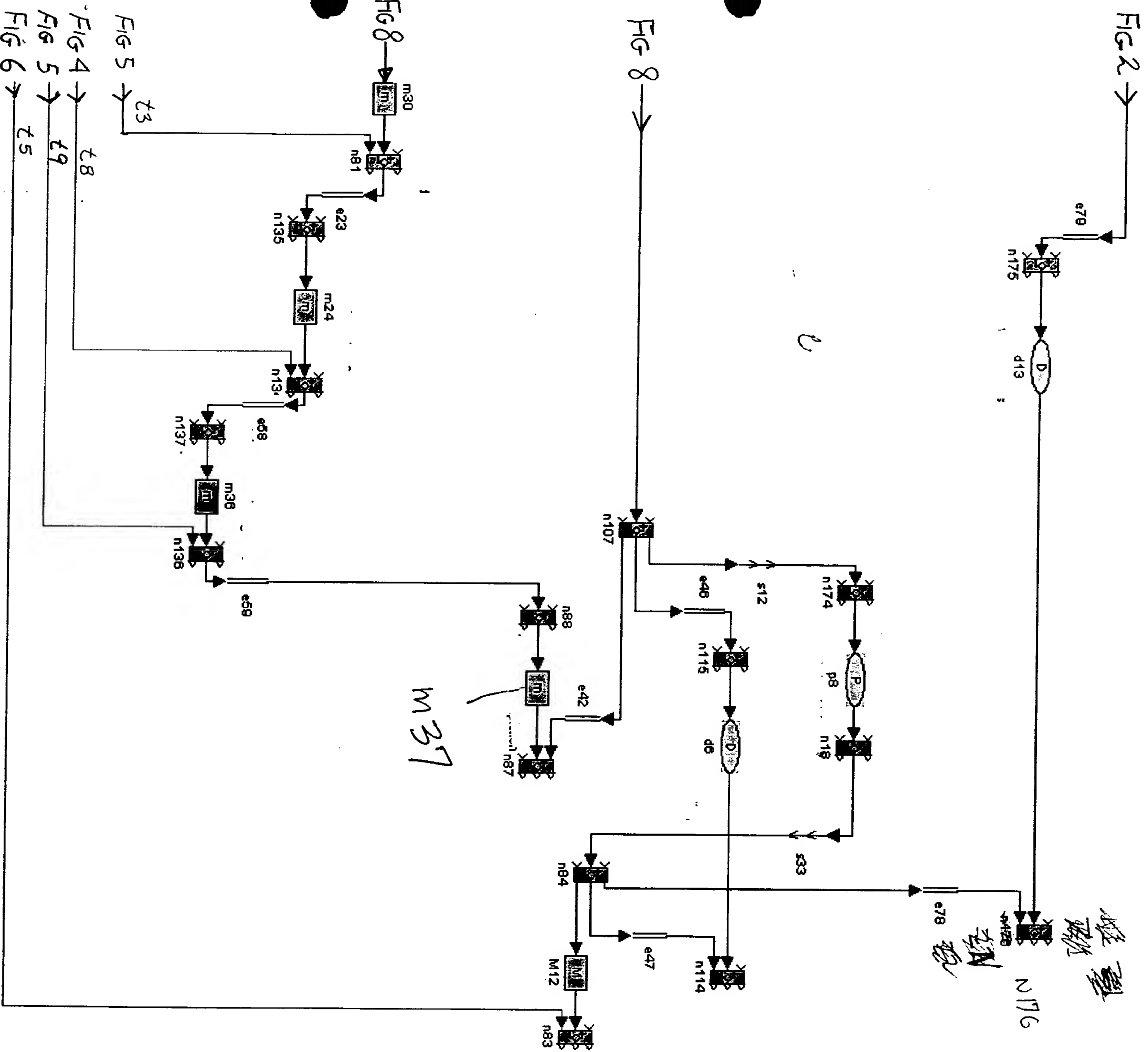


Fig 9

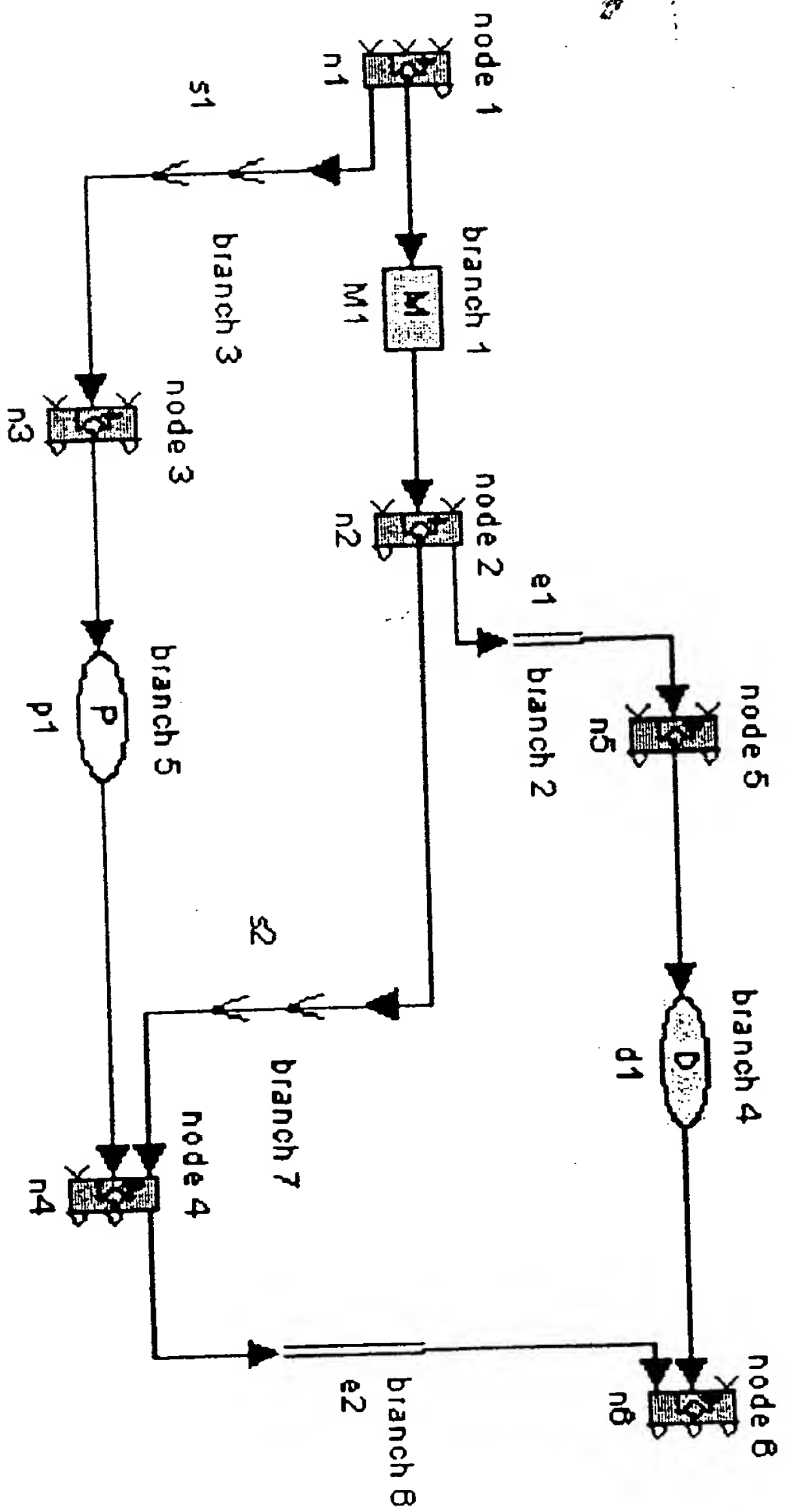


Fig - 10

G H

	Events	ON	OFF
1			
2	Gob Interceptor	334	14
3	Blanks Close	324	130
4	Blanks Open	130	321
5	Plunger Up	33	123
6	First Baffle	9	125
7	Plunger Down	127	327
8	Funnel	1	150
9	Settle Blow	1	1
10	Plunger Cooling	150	260
11	Invert	200	260
12	Neckring Open	274.5	283
13	Revert	282	172
14	Molds Close/Open	229	170
15	Mold Cooling	10	150
16	Blowhead	290	113
17	Final Blow	348	120
18	Take Out IN	137	197
19	Tongs Close	178	78
20	Take Out OUT	197	90

Fig - 11

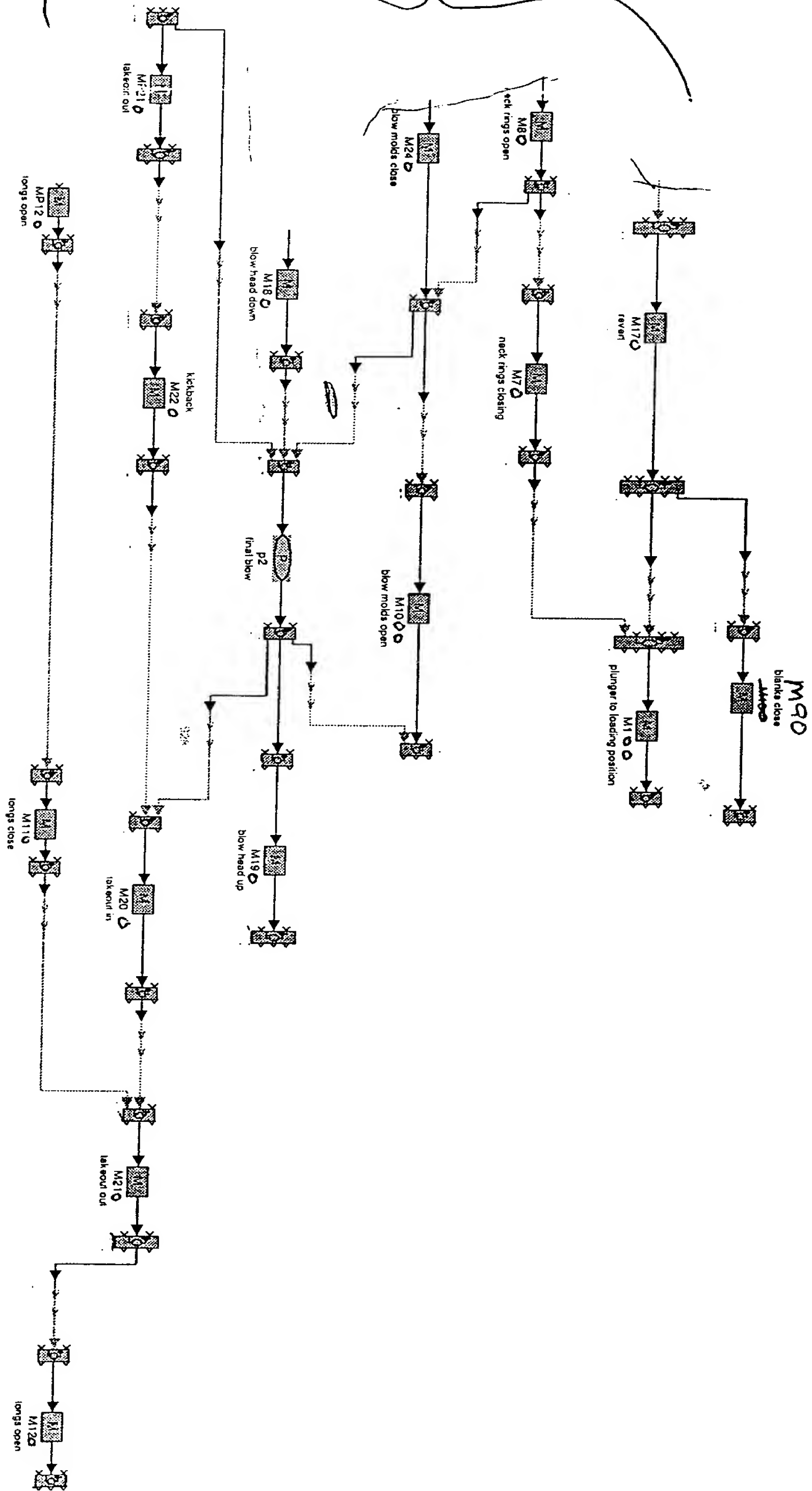


Fig 12B

60
DEFINE A NETWORK
CONSTRAINT DIAGRAM
FOR A BOTTLE FORMING
PROCESS IN AN I.S.
MACHINE

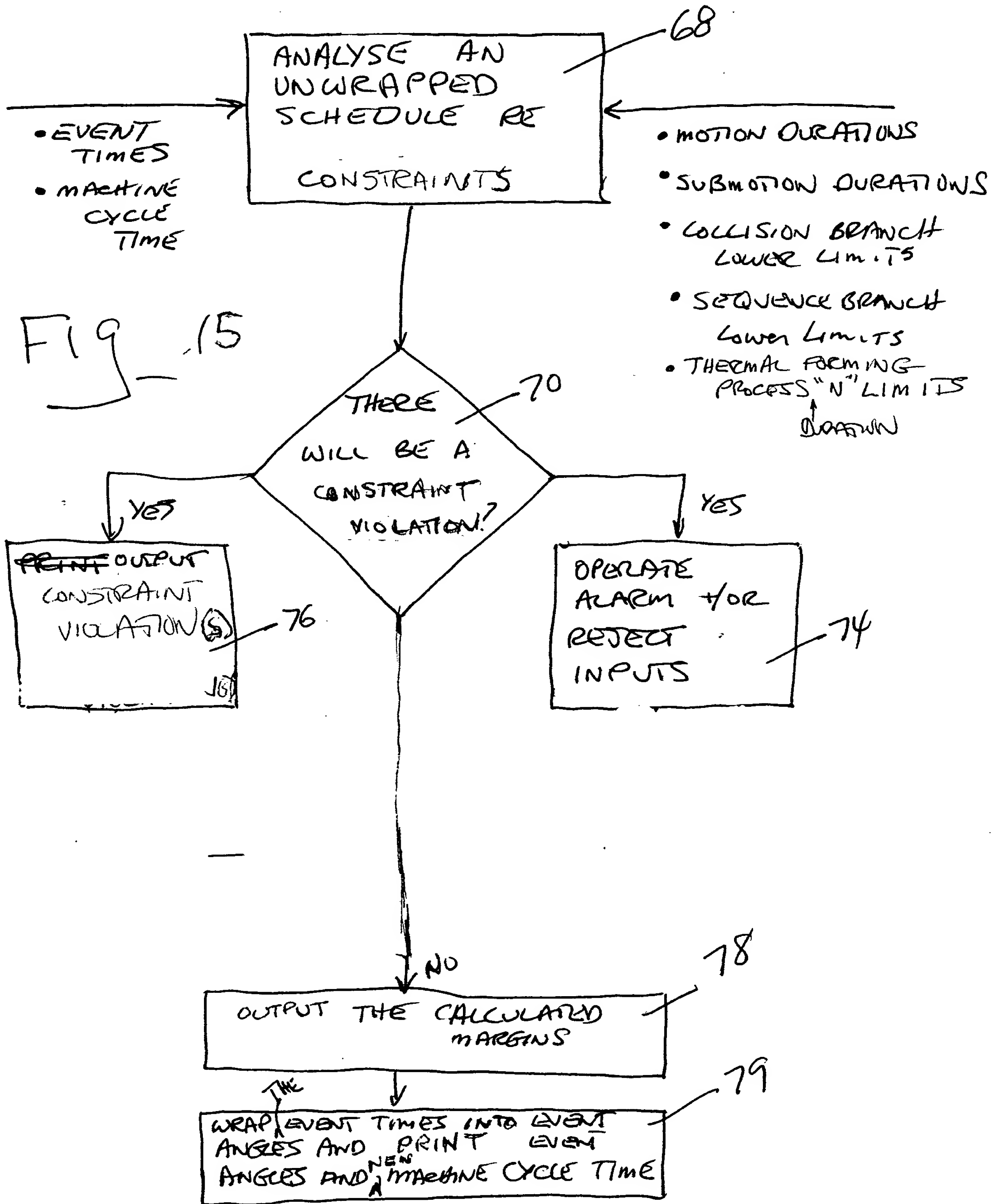
61
TRANSLATE ^{THE} NETWORK
CONSTRAINT DIAGRAM
INTO A DATA TABLE

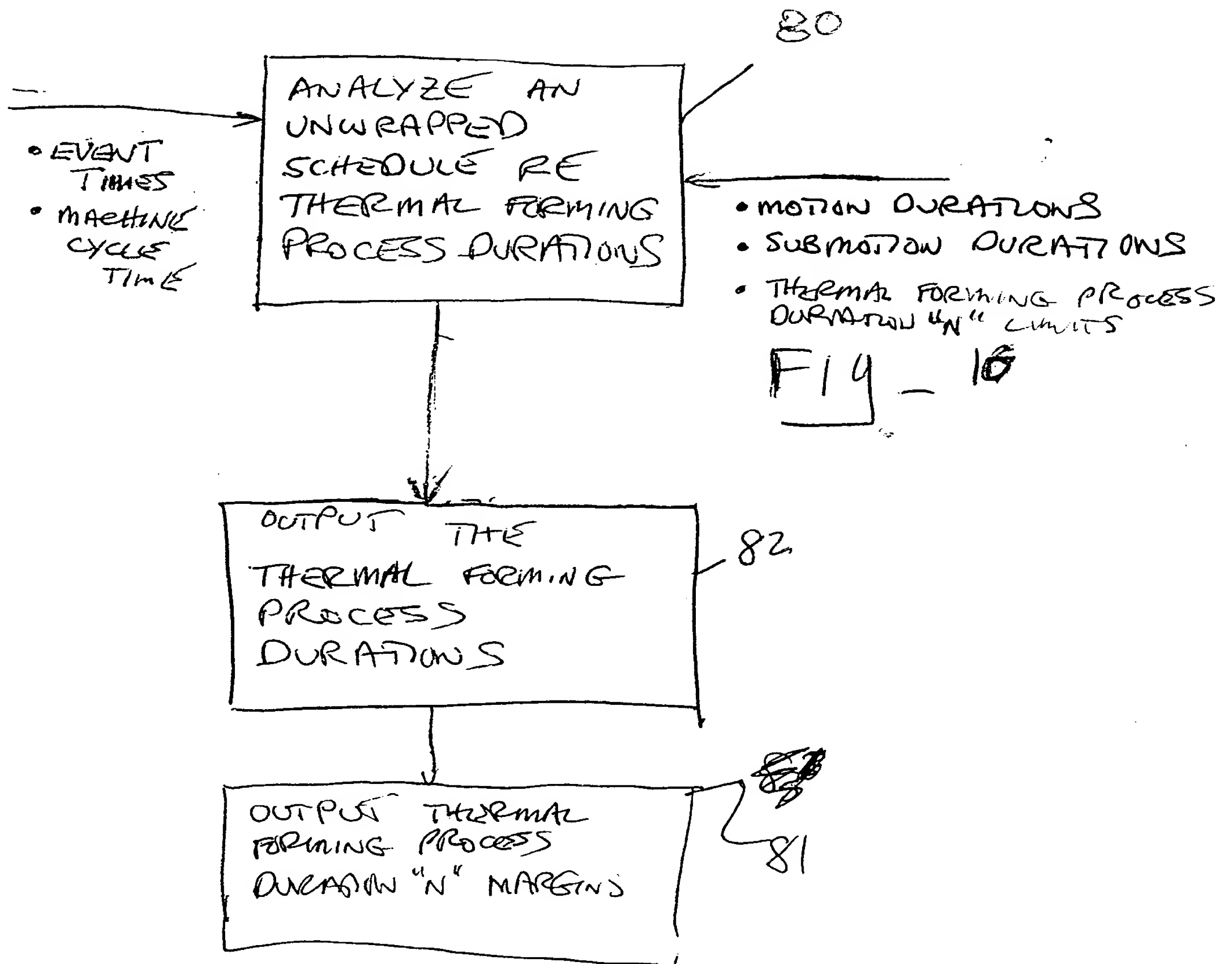
DATA TABLE "N"
→ 62
TRANSLATE ^{THE} DATA
TABLE INTO MATHEMATICAL
REPRESENTATION

64
COMPUTERIZED
MODEL

Fig-13

DOCKET NO. 5345-05
INVENTOR(S): J.S. SIMON
ATTY: SPENCER T. SMITH
TELEPHONE NO. (860) 285-7565
SHEET 15 OF 22





DOCKET NO. 5345-05
INVENTOR(S): J.S. SIMON
ATTY: SPENCER T. SMITH
TELEPHONE NO. (860) 285-7565
SHEET 18 OF 22

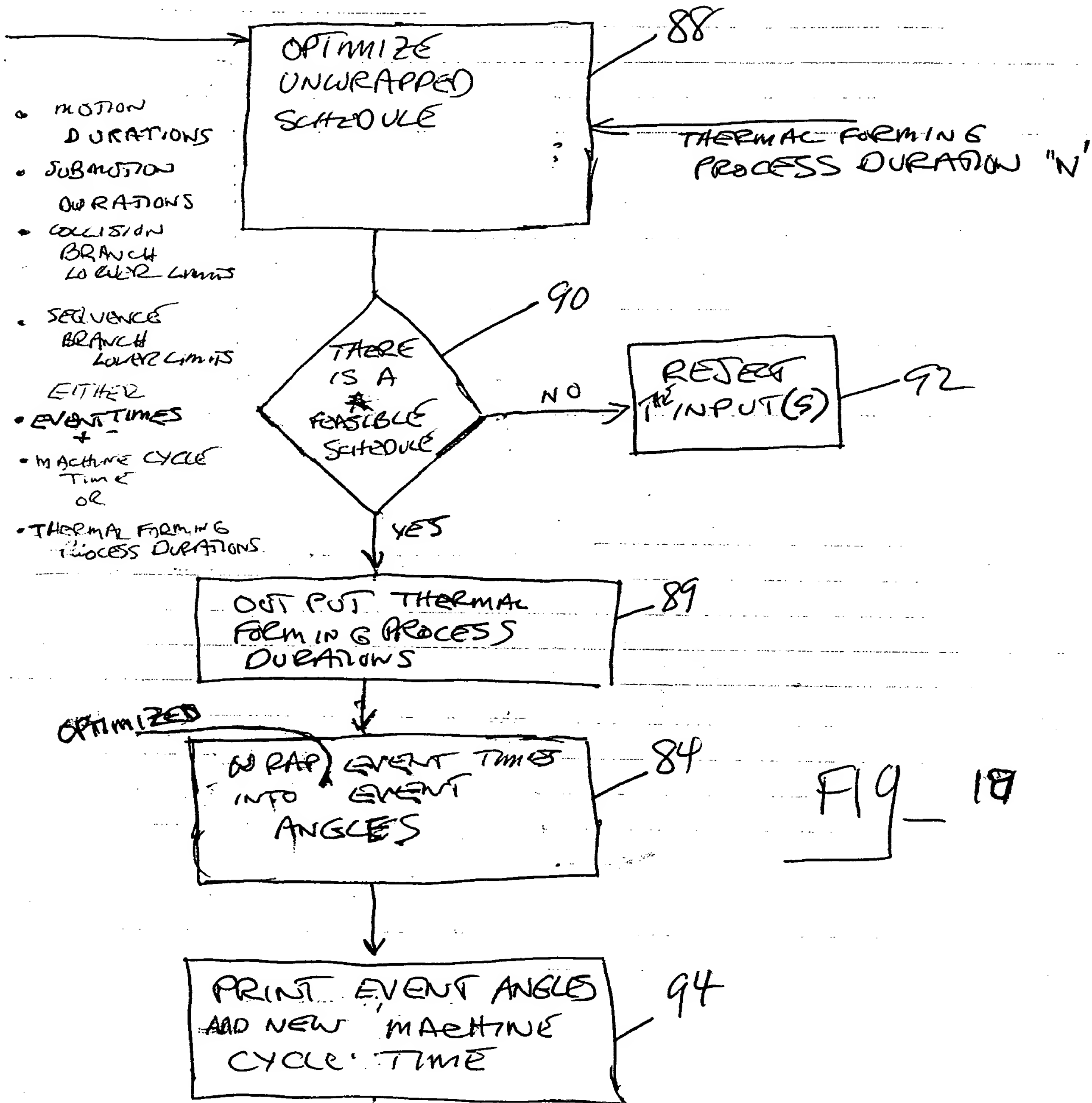


FIG-18

